Index of Claims

| Appl | ication | /Control | No. |
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10/774,815

Examiner

DAVID Y. ENG

Applicant(s)/Patent und r Reexamination

PECHANEK ET AL.

Art Unit

2155

| Rejected | - | (Through numeral)<br>Cancelled | N | Non-Elected  | Α | App al   |
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| Allowed  | ÷ | Restricted                     | ı | Interference | o | Objected |

| Claim | Π              | Date      |                    |               |               | Cla           | im              | n Date            |                                     |          |                       |                                | CI       | aim     | Date               |                 |               |          |            |               |         |                         |              |          |          |          |                 |
|-------|----------------|-----------|--------------------|---------------|---------------|---------------|-----------------|-------------------|-------------------------------------|----------|-----------------------|--------------------------------|----------|---------|--------------------|-----------------|---------------|----------|------------|---------------|---------|-------------------------|--------------|----------|----------|----------|-----------------|
|       | $\neg$         | T         |                    |               | T             |               |                 |                   |                                     |          |                       | П                              |          | Т       |                    | T               |               |          |            |               |         |                         | T            |          |          |          | $\neg$          |
| Final | 1              | 9/15/05   |                    |               |               |               |                 |                   | ন                                   | Original |                       |                                |          |         |                    |                 |               | त        | Original   |               |         |                         |              |          |          | ı        | - 1             |
| Final | <u> </u>       | 5         |                    |               |               |               |                 | ٠                 | Final                               | īğ.      |                       | 1 1                            |          |         |                    |                 |               | Final    | rigi       |               |         |                         |              |          |          |          | - 1             |
| "   ō | 5              | 9         | .                  |               |               |               | 1 1             |                   |                                     | ō        |                       |                                |          |         |                    |                 |               |          | ō          |               |         | -                       |              |          |          | l        |                 |
| 1     | +              | V         | <del>-   -  </del> | -             | +             | ++            |                 |                   |                                     | 51       |                       | ++                             |          | ╁       | +                  | -               | ا ۱۰          | <b></b>  | 101        | $\dashv$      | ╁       | +                       | +            | $\vdash$ | Н        | $\dashv$ | ᅱ               |
| 1     | $\overline{}$  | ¥         | -                  | -             | -             | ++            | +               |                   |                                     | 52       |                       | +                              | +        | ┿       | +                  |                 |               |          | 102        | -             |         |                         | ╁─           | -        | Н        | $\dashv$ | $\dashv$        |
| 2     |                | -         | +                  | $\vdash$      |               | ┩┈┼           | +               | : :               |                                     |          |                       | ╌┼                             | +        | +       | $\vdash$           | -               | - 100         |          | 102        |               | +       | +                       | +            |          | $\vdash$ | $\dashv$ | $\dashv$        |
| 3     |                | ╢         | -                  | $\vdash$      | +             | +-+-          |                 | :                 |                                     | 53.      |                       | ++                             |          | ╀       | +                  | -               |               |          | 103        |               | +       |                         | ╁╾           | $\vdash$ | H        | $\dashv$ | -               |
| 4     |                | -11       | _                  | $\perp$       |               | ++            | $\dashv$        | :                 |                                     | 54       |                       | ╌                              |          | ╀       | +                  | +               |               |          | 104        | -             | +       |                         | ╀            | -        | $\vdash$ | -        | $\dashv$        |
| 5     |                | -#        |                    | $\perp$       | _             | ++            | -               |                   |                                     | 55       |                       | 1                              | -        | +-      | 4-4                |                 | _:-:          |          | 105        |               | +       | +                       | ╄            | H        | $\vdash$ | -        | -               |
| 6     |                | Щ         |                    | -             | -             | ++            | $\dashv$        | 'irp              |                                     | 56       |                       | 1                              |          | +       | -                  |                 | _             |          | 106        |               | +       | +                       | ╀            | ⊢        |          | -        |                 |
| 7     |                | 41        |                    |               |               | $\bot \bot$   | $\dashv$        |                   |                                     | 57       |                       | $\vdash$                       | _        | $\perp$ | -                  | _               | -11           |          | 107        |               |         | - -                     | ┼            | ┞        | -        |          | _               |
| 8     |                | 41        |                    | $\perp$       | _             | $\bot$        | $\bot$          |                   |                                     | 58       | _                     | +                              | _        | 4       | $\perp$            |                 |               |          | 108        | Щ.            | _       |                         | ╄            | <u> </u> | $\sqcup$ |          | _               |
| 9     |                | Ш         |                    |               |               | $\bot\bot$    | $\bot$          |                   |                                     | 59       |                       | <del>     </del>               | $\perp$  | ┸       | $oldsymbol{\perp}$ |                 | 4 1           |          | 109        | $\vdash$      | 4       |                         | ↓_           | <u> </u> | Ш        | _        | _               |
| 10    |                | Ш         |                    |               |               | ш             |                 |                   |                                     | 60       |                       |                                |          |         | $\perp$            |                 | ]             |          | 110        |               | $\perp$ | $\perp$                 | _            | _        | Ш        |          | _               |
| 11    |                | Ш         |                    |               |               | $\perp \perp$ |                 |                   |                                     | 61       |                       | $\sqcup \!\!\! \perp$          | _ _      | _       |                    |                 |               | <u> </u> | 111        | $\sqcup \bot$ | $\perp$ |                         | _            | _        | Ш        |          |                 |
| 12    |                | $\prod$   |                    |               |               | $\perp \perp$ |                 |                   |                                     | 62       |                       |                                |          |         |                    |                 | _             |          | 112        | ot            | $\perp$ |                         | 1_           | _        | Ш        |          |                 |
| 13    |                | $\prod$   |                    |               |               |               |                 |                   |                                     | 63       |                       | $\Box$                         |          | L       |                    |                 |               |          | 113        |               |         |                         |              |          | Ш        |          |                 |
| 14    |                | П         |                    |               | T             |               |                 |                   |                                     | 64       |                       |                                |          | T       |                    |                 | ]             |          | 114        |               | $\perp$ |                         |              |          |          |          |                 |
| 15    |                | П         |                    |               | $\top$        |               | $\Box$          |                   |                                     | 65       |                       |                                |          | Т       |                    |                 | ]:: :-        |          | 115        |               |         | $oldsymbol{\mathbb{T}}$ |              |          |          |          |                 |
| 16    |                | T         |                    |               | $\neg \vdash$ | $\top$        |                 |                   |                                     | 66       |                       |                                | $\neg$   |         |                    |                 | ].::          |          | 116        |               | Τ       |                         | $\Box$       |          |          |          |                 |
| 17    | 7              | T         |                    |               | $\top$        |               |                 |                   |                                     | 67       |                       | $\top$                         |          |         |                    |                 | Ţ             |          | 117        |               | 7       | $\top$                  | Т            |          |          |          |                 |
| 18    |                | Ħ         |                    |               | $\top$        | 1-            |                 | : :               |                                     | 68       |                       | 1 1                            | $\neg$   | 1       |                    |                 | -             |          | 118        | $\Box$        | 十       | 1                       | Т            |          | П        |          |                 |
| 19    |                | 11        |                    |               | $\top$        | +-+           |                 |                   |                                     | 69       |                       | $\vdash$                       | _        | T       | $\top$             |                 | <b>⊣</b> ։    |          | 119        |               | T       | 1                       | 1            |          |          |          |                 |
| 20    |                | 11        | 1                  | $\vdash$      | 1             | 1 -           | $\dashv \dashv$ | ig                |                                     | 70       | $\vdash$              | 1                              | _        | +       | +                  |                 | <b>-</b>      | <b></b>  | 120        | $\vdash$      | 1       | 1                       | T            |          | П        |          |                 |
| 21    | 1              | H         | -                  | $\pm$         | - -           | +             | +               | T                 |                                     | 71       | $\vdash$              | 1                              |          | +       | +                  |                 | <b>-</b>  ::: |          | 121        | $\vdash$      | 十       | $\top$                  | 1            |          |          |          |                 |
| 22    |                | +         | -                  |               | ┰             | +             | $\dashv \dashv$ |                   |                                     | 72       | $\dashv$              | 1 +                            |          | +-      | +                  |                 | -             | <u>├</u> | 122        |               | 十       | $\dashv$                | $^{\dagger}$ |          | Н        |          | $\dashv$        |
| 23    |                | +         |                    | +             | +-            | +-+           |                 |                   |                                     | 73       | $\vdash$              | +                              | 十        | ╁       | +                  |                 | <b>⊣</b> ∷.։  |          | 123        | -             | +       | $\dashv$                | +            |          |          | $\neg$   | $\dashv$        |
| 24    |                | ╫         | -                  | $\vdash$      | +             | +             | $\dashv\dashv$  |                   |                                     | 74       | -                     | +                              | $\dashv$ | ╁       | +-                 | -               | Ⅎ∷⊹           | $\vdash$ | 124        | $\vdash$      |         |                         | +            |          | Н        |          | $\dashv$        |
| 25    |                | ╂         |                    | $\vdash$      | +             | ++            | +               |                   |                                     | 75       |                       | ++                             | +        | +       | +                  | +               | -             |          | 125        | +             | +       |                         | +            | -        | Н        | $\dashv$ | -               |
|       |                | Н         |                    |               |               | ++            | $\dashv$        | ::<br>-:::        | -                                   | 76       |                       | ╁┼                             |          | +       | +                  | $\vdash$        | - ∷∵          |          | 126        | -             | ╁       |                         | ╁            | ┼        | Н        | $\dashv$ | -               |
| 26    | <del>}  </del> | Н         |                    | -+-           |               | +-+           |                 |                   |                                     | 77       |                       | <del> .  </del>                |          | +-      | +                  |                 | -             | -        | 127        | H             | +       | +                       | +            | -        |          | _        | -               |
|       |                | H         | -                  | $\vdash$      |               | +             |                 | :.                | _                                   |          |                       | +                              |          | +       | +-                 | -               |               |          |            |               | +       | +                       | ╁            | ┝        | Н        | $\dashv$ | $\dashv$        |
| 28    |                | Н         |                    |               | -             | +-+           |                 |                   |                                     | 78       |                       | ╁                              |          | +       | +                  | -               | -             | <u> </u> | 128<br>129 | $\vdash$      | +       | +                       | ╁            | -        | Н        | -        | $\dashv$        |
| 29    |                | H         | _                  | $\vdash$      | +             | ++            |                 | ١.,               |                                     | 79       |                       | ++                             | -        | -       |                    | -               | -155          | <u> </u> | 129        | -             | +       | -                       | +            |          | H        | -        |                 |
| 30    |                | 11        |                    | _             | - -           |               |                 |                   |                                     | 80       | -                     | +                              | _        | -       |                    | $\vdash$        |               |          | 130        |               | -       |                         | _            | -        | Н        | _        | _               |
| 31    |                | Н         |                    |               | _             | $\perp$       |                 |                   |                                     | 81       | $\vdash$              | +                              | -        | 4       | -                  | -               | 4::::         |          | 131        |               | 4       |                         | +            |          | Н        |          |                 |
| 32    |                | П         | $\perp$            | $\sqcup \bot$ | $\bot$        | 4-4-          | 4-4             |                   |                                     | 82       | $\vdash \vdash$       | +                              |          | 4-      | 4                  | -               | 4::::         | <u> </u> | 132        | -             | +       |                         | +            | -        | Н        | _        | $\vdash \vdash$ |
| 33    |                | Ц         | $\perp$            | -             | _             | 4-4           | +               | :::::             | <u> </u>                            | 83       | $\sqcup \!\!\! \perp$ | +                              |          | 4       | -                  | -               | 4::::         | <u> </u> | 133        | $\vdash$      | - -     |                         | +            | $\vdash$ | Щ        |          |                 |
| 34    | 4              | Ц         |                    | _             |               | ++            | $\dashv$        | ٠.                |                                     | 84       | $\vdash \vdash$       | 1-1                            | _ -      | 4       | $\bot$             | $\vdash$        | 4.5           |          | 134        | $\vdash$      | +       | -                       | +            | <u> </u> | Щ        |          | $\sqcup$        |
| 35    |                | Ш         |                    | $\vdash$      |               | $\bot\bot$    | $\dashv$        | : "               | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | 85       | $\sqcup \bot$         | 1-1                            | _ _      | 4       | 4                  | $\vdash \vdash$ | _ ::-         | <u> </u> | 135        | $\vdash$      | $\bot$  | $\perp$                 | $\perp$      | _        | Ш        |          | Ш               |
| 36    |                | Ц         |                    |               | $\bot$        | $\bot \bot$   | $\perp$         | 1                 |                                     | 86       | oxdot                 | $oldsymbol{oldsymbol{\sqcup}}$ | _        | 1       | 4                  | $\sqcup$        | _:::          | <u> </u> | 136        |               | _ _     |                         | 1_           | _        | Ш        |          | Ш               |
| 37    |                | Ц         |                    | ot            |               | $\bot\bot$    |                 |                   |                                     | 87       | $oxed{oxed}$          | $\sqcup \bot$                  | $\bot$   | $\bot$  | 4                  | oxdot           | _             | <u> </u> | 137        | $\sqcup$      | $\perp$ | $\perp$                 | 1            | <u> </u> | Ш        |          | Ш               |
| 38    |                | $\square$ |                    |               |               |               |                 | ė i               |                                     | 88       |                       |                                |          | $\perp$ |                    |                 |               | <u> </u> | 138        | $\sqcup$      | $\perp$ | $\perp$                 | _            |          |          |          | Ш               |
| 39    |                |           |                    |               |               | $oxed{\Box}$  |                 |                   |                                     | 89       |                       |                                |          |         |                    |                 | _             |          | 139        |               |         |                         |              | L        | $\Box$   |          |                 |
| 40    | 0              |           |                    |               |               |               |                 |                   |                                     | 90       |                       | $\prod$                        |          |         |                    |                 |               |          | 140        |               |         |                         |              | L        |          |          |                 |
|       | 1              | П         |                    |               | $\neg$        | $\Box$        | $\Box$          |                   |                                     | 91       |                       | П                              | $\top$   | T       | T                  |                 | 7::::         |          | 141        |               |         |                         |              |          |          |          |                 |
| 42    | 2              | П         |                    | $\Box$        | $\neg$        | $\top$        |                 |                   |                                     | 92       |                       |                                | $\top$   | T       | 1                  |                 | 7             |          | 142        |               | T       | $\top$                  |              |          |          |          |                 |
|       | 3              | 17        |                    | $\top$        | $\neg$        | $\top$        |                 |                   |                                     | 93       |                       | $\top$                         |          | $\top$  |                    |                 | 7             |          | 143        |               | $\top$  | $\top$                  | Τ            |          |          |          | П               |
| 44    | 4              | *         |                    | $\Box$        | $\top$        | 11            |                 | .:. <sup>;*</sup> |                                     | 94       |                       | 11                             |          | $\top$  | Т                  | $\sqcap$        | <b>-</b>      |          | 144        |               | $\top$  | 1                       | Τ            | Т        | П        | П        | $\Box$          |
| 45    |                | $\neg$    |                    |               | _             | 1             |                 |                   |                                     | 95       |                       | 1-1                            | $\neg$   | $\top$  | $\top$             | $\Box$          |               |          | 145        |               | $\top$  | $\neg$                  | Т            |          | П        |          | П               |
| 46    | 6              | $\dashv$  | $\neg \vdash$      | $\vdash$      | 1             | +++           | $\dashv$        |                   |                                     | 96       | $\vdash$              | † †                            | $\dashv$ | $\top$  | 1                  | $\vdash$        | - :           |          | 146        | ΙT            | +       | _                       | T            | 1        | П        |          | П               |
| 47    |                | $\dashv$  |                    | -             | +             | ++            | $\top$          |                   |                                     | 97       |                       | † †                            | +        | $\top$  | 1                  | $\vdash$        | -             |          | 147        | $\vdash$      | $\top$  |                         | T            |          | П        |          | Н               |
| 48    |                | $\dashv$  |                    | $\vdash$      | +             | +             | $\top$          | <u>.</u>          | <b></b>                             | 98       | -                     | † †                            | _        | +       | 1                  | $\vdash$        | -             |          | 148        | $\vdash$      | +       | $\neg$                  | T            | t        | П        |          | $\vdash$        |
| 49    |                | $\neg$    | +                  | $\vdash$      | +             | + +           | +               | ٠.                | <b></b>                             | 99       | _                     | +                              |          | +       | +                  | $\vdash$        | ┪.            | $\vdash$ | 149        | $\vdash$      | +       | +                       | +            | +-       | Н        | $\vdash$ | Н               |
| 50    |                |           | -+-                |               | +             | ++            | +               |                   | <b></b>                             | 100      | $\vdash$              | ++                             | +        | ╁       | +                  |                 | <b>-</b>  :   |          | 150        |               | +       |                         | +-           | $\vdash$ | $\vdash$ | _        | Н               |
| 1 30  |                |           |                    |               |               | 4.4           |                 |                   | Щ                                   | 100      | Щ.                    | 4_4                            |          |         |                    |                 | —'            | Щ        | , 100      |               |         |                         | 1            | 4        | Ц        |          | ய               |